

WEB PROGRAMMING LAB

9.Develop jQuery script (with HTML/CSS) for:

- a. Appends the content at the end of the existing paragraph and list.
- b. Change the state of the element with CSS style using animate() method
- c. Change the color of any div that is animated.

```
<!DOCTYPE html>
<head>
    <script src="https://code.jquery.com/jquery-
3.6.0.min.js"></script>
    <title>jQuery Example</title>
    <style>
        body {
            font-family: 'Roboto', sans-serif;
            background-color: #f4f7f6;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }

        .container {
            text-align: center;
            background: #fff;
            padding: 30px;
            border-radius: 12px;
            box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);
            transition: transform 0.3s ease-in-out;
        }

        .container:hover {
            transform: scale(1.02);
        }
    </style>
</head>
<body>
    <div class="container">
        <p>Hello, I am a dynamic paragraph!</p>
        <ul>
            <li>Item 1</li>
            <li>Item 2</li>
            <li>Item 3</li>
        </ul>
    </div>
</body>

```

```
#paragraph {
    margin-bottom: 20px;
    color: #333;
    font-size: 18px;
    line-height: 1.5;
}

#list {
    margin-bottom: 20px;
    list-style: none;
    padding: 0;
}

#list li {
    background: #e8f0fe;
    margin: 5px 0;
    padding: 10px;
    border-radius: 8px;
    transition: background 0.3s;
}

#list li:hover {
    background: #d0e2fe;
}

.box {
    padding: 0 10px;
    width: 100px;
    height: 100px;
    background-color: #007bff;
    margin: 20px auto;
    line-height: 100px;
    color: white;
    text-align: center;
    border-radius: 8px;
    transition: all 0.3s ease;
```

```
}

button {
    padding: 12px 24px;
    margin: 10px;
    cursor: pointer;
    border: none;
    border-radius: 6px;
    font-size: 16px;
    background: #007bff;
    color: white;
    transition: box-shadow 0.3s, transform 0.2s;
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

button:hover {
    box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;
}

button:focus {
    box-shadow: 0 0 0 2px #fff, 0 0 0 4px #007bff;
}

button:active {
    background: #004494;
    transform: translateY(0);
}

</style>
</head>

<body>
    <div class="container">
        <p id="paragraph">This is an existing paragraph.</p>
        <ul id="list">
            <li>List item 1</li>
            <li>List item 2</li>
        </ul>
    </div>
</body>
```

```
<div class="box" id="box">Animate me!</div>
<button id="appendButton">Append Content</button>
<button id="animateButton">Animate Box</button>
</div>

<script>
$(document).ready(function () {

    $("#appendButton").click(function () {
        $("#paragraph").append(" Appended text.");
        $("#list").append("<li>New appended list
item</li>");
    });

    $("#animateButton").click(function () {

        $("#box").stop(true, true).css({
            width: "100px",
            height: "100px",
            opacity: 1,
            backgroundColor: "blue"
        }).animate({
            width: "200px",
            height: "200px",
            opacity: 0.5
        }, 1000, function () {

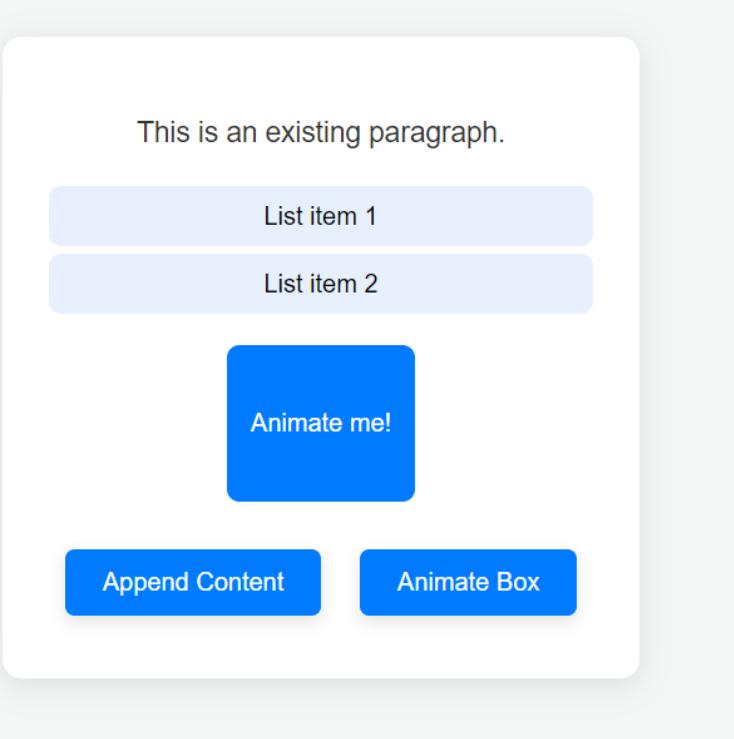
            $(this).css("background-color", "green");
        });
    });

    });
});

</script>
</body>

</html>
```

Output:



This is an existing paragraph.

List item 1

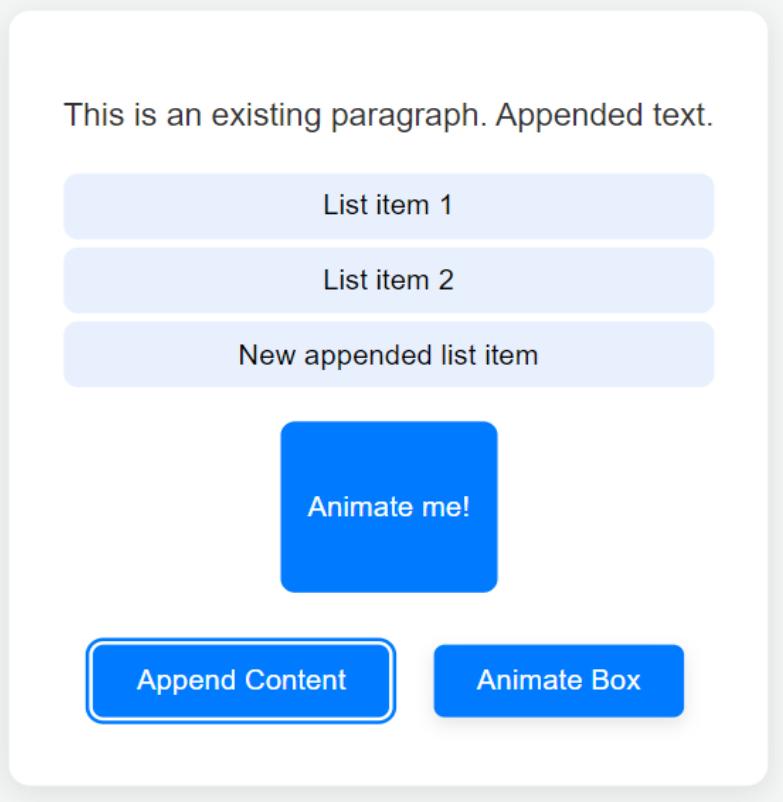
List item 2

Animate me!

Append Content

Animate Box

After clicking on Append content,



This is an existing paragraph. Appended text.

List item 1

List item 2

New appended list item

Animate me!

Append Content

Animate Box

once again click on append content

This is an existing paragraph. Appended text.

List item 1

List item 2

New appended list item

Animate me!

Append Content

Animate Box

Click on Animate Box button,

This is an existing paragraph. Appended text.

List item 1

List item 2

New appended list item

Animate me!

Append Content

Animate Box

This is an existing paragraph. Appended text.

List item 1

List item 2

New appended list item

Animate me!

Append Content

Animate Box